

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : Liu Zhenduo, et al.  
Appl. No. : 10/619,383  
Filed : July 14, 2003  
For : HYBRID CASCADE MODEL-  
BASED PREDICTIVE CONTROL  
SYSTEM  
Examiner : Crystal J. Barnes  
Group Art Unit : 2121

## CERTIFICATE OF MAILING

I hereby certify that this correspondence and all marked attachments are being deposited with the United States Postal Service as first-class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on

July 7, 2005

(Date)

Aaron D. Barker  
Aaron D. Barker, Reg. No. 51,432

## AMENDMENT

**Mail Stop Amendment**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

In response to the Office Action mailed April 8, 2004, please amend the above-identified application as follows:

**Amendments to the Specification** begin on page 2 of this paper.

**Amendments to the Claims** are reflected in the listing of claims which begins on page 7 of this paper.

**Amendments to the Drawings** begin on page 13 of this paper. A "Replacement Sheet" for each sheet of drawings being amended can be found in **Appendix A** following page 17 of this paper.

**Remarks/Arguments** begin on page 14 of this paper.

**Appendix B** including selected pages from the *Comprehensive Dictionary of Electrical Engineering* is attached following page 17 of this paper.